

METHOD AND APPARATUS FOR REMOVING BLOCKING ARTIFACTS OF VIDEO PICTURE VIA LOOP FILTERING USING PERCEPTUAL THRESHOLDS

Abstract

A video processing method and a related device for processing blocking artifacts between two blocks within a video picture uses loop filtering and compares two boundary edge pixels at both sides of a boundary between two blocks according to at least one perceptual threshold to determine if pixel values of the two boundary edge pixels should be adjusted to decrease the difference corresponding to the pixel values of the two boundary edge pixels.